



Dart Aerospace Ltd.
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D139-1012-011
Job Sheet 202355

Part No: D139-1012-011 **Job Qty:** 1 pcs

Part Name: AW139 High Capacity Cargo Net



Part Weight: 0 lbs **Status:** New **Priority:** Medium
Job Created: 10/25/19 **Job Tracking No:**
Due Date: 12/13/19 **Created By:** Marie Lajeunesse
Type: Stock **Description:**

Note: DWG REV D IPP REV:A 16.04.27 NEW ISSUE DD VERF:JLM IPP REV:B 16.10.03 as per chg003 DD
VERF:JLM IPP REV:C 16.12.05 as IIN rev.B DD VERF:JLM IPP REV:D 17.03.08 as IIN rev.C DD VERF:JFS
IPP REV:E 17.05.24 AS PER IIN REV.D DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
120	Packaging 1 - Pick Kit	1 pcs	12/13/19		0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		DAS
							Packaging 1 - 6		28
							Packaging 1 - 7		9-89
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



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Container No: S242022



Part: D139 - 1012 - 011

Job No: 202355

Serial No/Batch: S242022

Revision: D

Inspector:

Exp Date:

Instructions: TC STC SH16 - 17 - Issue 1, FAA STC SR0378

130 QC 4	1 pcs	12/13/19	0.00 0.00	Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	DAS 78 DEC 18 2019
				QC 4 - 75	9-89
				QC 4 - 78	
140 Packaging 3-1 - Stock - B4B	1 pcs	12/13/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	DAS 78 DEC 18 2019
				Packaging 3 - 24 - B4B	9-89
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS 21 DEC 19 2019
145 DC - 1 - B4B	1 pcs	12/13/19	0.00 0.00	DC - 1 - B4B	9-89
150 QC 21 - FG	1 pcs	12/13/19	0.00 0.00	DC - 2 - B4B	
				QC 21 - FG - 21	
				QC 21 - FG - 70	DAS 21 DEC 19 2019
				QC 21 - FG - 53	9-89
Part Op 120 - pick kit					
Descriptions: 130 - (QC4- 100% Inspect kits for completeness)					

FG019

- 140 - (Identify as per dwg & Stock Location:) Identify and pack for shipping as per PPP D139-1012-011
- 145 - (Document Control) Photocopy bluefile and create label as per PPP D139-1012-011 chg 005
- 150 - QC21- Final Inspection - Work Order Release

013545

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3-7A	Bolt	4 Ea (4 ea)	120-Packaging 1 - Pick Kit	5089386
AN526-1032R12	Screw	6 Ea (6 ea)	120-Packaging 1 - Pick Kit	5089387
AN970-3	Washer	8 Ea (8 ea)	120-Packaging 1 - Pick Kit	5089388
AN970-6	Washer	4 Ea (4 ea)	120-Packaging 1 - Pick Kit	5089389
D139-1012-041	AW139 Cargo Net Assembly	1 pcs (1 ea)	120-Packaging 1 - Pick Kit	5089390
D5320-043	D-Ring Assembly	7 pcs (7 ea)	120-Packaging 1 - Pick Kit	5089391
D5339-1	Carabiner Clip	10 pcs (10 ea)	120-Packaging 1 - Pick Kit	5089392
D5397-1	D Ring	12 pcs (12 ea)	120-Packaging 1 - Pick Kit	5089393
D5405-3	Bushing	4 pcs (4 ea)	120-Packaging 1 - Pick Kit	5089394
D5408-1	Suspension Rope	1 pcs (1 ea)	120-Packaging 1 - Pick Kit	5089395
D5409-1	Placard	2 pcs (2 ea)	120-Packaging 1 - Pick Kit	5089396
D5409-3	Placard	2 pcs (2 ea)	120-Packaging 1 - Pick Kit	5089397
D5460-1	Angle Bracket	6 pcs (6 ea)	120-Packaging 1 - Pick Kit	5089398
D5460-3	Channel	4 pcs (4 ea)	120-Packaging 1 - Pick Kit	5089399
MS20426AD3-4	Rivet	12 Ea (12 ea)	120-Packaging 1 - Pick Kit	5089400
MS20426AD3-6	Rivet	8 Ea (8 ea)	120-Packaging 1 - Pick Kit	5089401
MS20470AD4-7	RIVET	32 Ea (32 ea)	120-Packaging 1 - Pick Kit	5089402
MS21059L3	Nut Plate	10 Ea (10 ea)	120-Packaging 1 - Pick Kit	5089403
MS24665-136	Cotter Pins	7 Ea (7 ea)	120-Packaging 1 - Pick Kit	5089404
MS21044N3	Nut	4 pcs (4 ea)	120-Packaging 1 - Pick Kit	5089405
MS35207-268	Screw	4 Ea (4 ea)	120-Packaging 1 - Pick Kit	5089406
NAS1149D0332J	Washer	4 Ea (4 ea)	120-Packaging 1 - Pick Kit	5089407

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
120-Packaging 1 - Pick Kit	AN3-7A	4	291	0
	AN526-1032R12	6	165	0
	AN970-3	8	119	0
	AN970-6	4	226	0
	D139-1012-041	1	0	0
	D5320-043	7	2	0
	D5339-1	10	28	0
	D5397-1	12	48	0
	D5405-3	4	18	0
	D5408-1	1	16	0
	D5409-1	2	10	0
	D5409-3	2	9	0
	D5460-1	6	27	0
	D5460-3	4	23	0
	MS20426AD3-4	12	1,537	0
	MS20426AD3-6	8	2,042	0
	MS20470AD4-7	32	2,538	0
	MS21044N3	4	86	0
	MS21059L3	10	269	0
	MS24665-136	7	54	0
	MS35207-268	4	1	0
	NAS1149D0332J	4	1,128	0

Part Specifications

Specifications could not be found.

Job: _____		DISPOSITION			DEPARTMENT/PROCESS										
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐			Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐				
Date :	Sequence #:	QTY Affected :		MRB (QSI042)											
Description Work Order Deviation				Disposition											
Root Cause Operator Manufacturing Process Equip/Tooling Handling/Preservation Material Product Improvement Process Improvement Human Factors				FAULT CATEGORY											
				Pressure/Forced			Contamination			Power Loss/Surge			Positioned Wrong		
				Bending			Misaligned/off center			Folio/Program			Outside Tolerance		
				Crushing			BOM/Route			Grain Direction			Drawing		
				Cracks			Broken/Damage/Defect			Weld			Finish		
Crimp/Kink/Ripple/Wave/Twist			Incomplete/Unclear Instructions			Wrong Stock Pulled			Part Lost/Missing						
Marks/Chatter			Drill Holes			Out of Sequence			Misread						
Mislabeled			Fit/Function			Off-set/Set-up									
Other/Details:															
				QC / QA Coordinator											
				Lead hand / Supervisor											
				Completed By											

5.0 WEIGHT AND BALANCE

The following weight and balance is for the Dart installation. The weight and balance of parts that are removed from the aircraft to perform this installation are the responsibility of the installer.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D139-1012-011 CARGO NET INSTALLATION	22.4 lbs 10.2 kg	±0.0 in ±0.0 m	±0.0 lb in ±0.0 kg m	280 in 7.11 m	6272 lb in 72.4 kg m

6.0 PARTS LIST

Qty -011	Part Number	Description
X	D139-1012-011	CARGO NET INSTALLATION
1	D139-1012-041	CARGO NET ASSY
7	D5320-043	D-RING ASSEMBLY
10	D5339-1	CARABINER CLIP
12	D5397-1	D-RING
4	D5405-3	BUSHING
1	D5408-1	SUSPENSION ROPE
2	D5409-1	PLACARD
2	D5409-3	PLACARD
6	D5460-1	ANGLE BRACKET
4	D5460-3	CHANNEL
4	AN3-7A	BOLT
6	AN526-1032R12	SCREW
4	AN960JD10L	WASHER (OR NAS1149D0332J)
8	AN970-3	WASHER
4	AN970-6	WASHER
4	MS20365-1032A	NUT (OR MS21044N3)
12	MS20426AD3-4	RIVET
8	MS20426AD3-6	RIVET
32	MS20470AD4-7	RIVET
10	MS21059L3	NUT PLATE
7	MS24665-136	COTTER PIN
4	MS35207-268	SCREW